


LUCY E DELANEY

University of Illinois at Chicago
Department of Biological Sciences
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INTERESTS

Better biology education, conceptual understanding of evolutionary principles, educational & racial equity,  for undergraduate education, macroevolution, the evolution of plant breeding systems





EDUCATION

Ph.D. candidate, Ecology & Evolutionary Biology
University of Illinois at Chicago
Dissertation: *What does it mean to understand natural selection?* *Expected Fall 2021*
Chicago, IL

Master of Arts, Molecular & Cellular Biology
Hunter College of the City University of New York 2016
New York, NY

Bachelor of Science, Forensic Molecular Biology, Philosophy
John Jay College of the City University of New York 2012
New York, NY

TEACHING HONORS AND AWARDS

-  **2021** Recipient, Biological Sciences Department Service Award for online Course Building efforts
-  **2021** Honorable mention, UIC Graduate Student Excellence in Teaching and Mentoring Award
-  **2020** Recipient, Biological Sciences Department Graduate Teaching Award for BIOS 220
-  **2018** Recipient, Biological Sciences Department Graduate Teaching Award for BIOS 430


UNIVERSITY TEACHING

Course Coordinator

Planning & managing course activities, leading the student leaders, and student mentorship.

BIOS 196/296 Biology Colloquium  *Beginning* Fall 2021–Spring 2022

Graduate Teaching Assistant

During my four years as teaching assistant, I taught discussion¹ and laboratory² sections, created instructional materials³, held drop-in hours⁴, and worked with students on  programming skills⁵ in courses ranging from introductory (100-level) to advanced (400-level). I also taught online & managed Blackboard administration⁶ during Covid-19.

BIOS 220 Mendelian & Molecular Genetics^{1,3,4,6}   Summer 2018, Fall 2019–Summer 2020



BIOS 331 General Ecology Laboratory^{2,4,5}  Summer 2019

BIOS 230 Ecology & Evolution^{3,4} Spring 2019

BIOS 430 Evolution^{3,4,5} Fall 2017–Fall 2018











BIOS 120 Biology of Populations & Communities^{2,4} Fall 2016–Spring 2017

COMMUNITY TEACHING






Course Builder & Trainer for the UIC Biological Sciences Department   2020–Present
Training faculty and TAs in online pedagogy and instructional tools.
Tutor at Nurturing Wisdom Tutoring 2018–2020
Substitute Teacher in Chicago-area Charter Schools 2015–2016

PAST AND UPCOMING PRESENTATIONS


Evolution Education Research

-  June 2021 *upcoming* at Annual Evolution Conference | Virtual Talk  
-  March 2021 at Midwest Ecology and Evolution Conference |  Awarded Best Graduate Talk  
-  January 2021 at SABER West | Virtual Roundtable  

Flowering Plant Breeding Systems

-  July 2021 *upcoming* at Annual Meeting of the Botanical Society of America | Virtual Talk
-  July 2018 at Annual Meeting of the Botanical Society of America | Rochester, MN | Poster 
-  August 2017 at microMORPH Summer Course | Arnold Arboretum, Harvard | Talk 

PUBLICATIONS

Delaney, Lucy E. (2012). Nietzsche, nerve stimulation-image connection, and ontology. *John Jay's Finest*, 27, 99–103. 

In preparation














Delaney, Lucy E & Brown, J. University students' explanations of adaptation. I. Dimensions of conception..

Delaney, Lucy E & Brown, J. University students' explanations of adaptation. II. Dimensions of misconception..

Delaney, Lucy E, Ramanauskas, K., & Igić, B. The phylogenetic distribution and frequency of self-incompatibility in Fabaceae.

Delaney, Lucy E & Igić, B. The orchids and their breeding systems.

OTHER AWARDS AND TRAINING

-  **2020** Completed Illinois Online Network course in online instruction and pedagogy
-  **2020** Participant in the 2020 Chicago  Collaborative Conference 
-  **2018** Recipient of the Biological Sciences Department Travel Award
-  **2018** Reviewer for International Journal of Botany (1x), Oxford Bibliographies (1x)
-  **2017** Accepted to NSF-funded workshop on Bayesian Analysis of Macroevoolutionary Mixtures 
-  **2017** Recipient of the Biological Sciences Department Travel Award
-  **2017** Accepted to microMORPH Plant Anatomy Summer Course at Harvard University 
-  **2016** General horticulture volunteer at Garfield Park Conservatory 

PROFESSIONAL EXPERIENCE

Forensic Molecular Biologist at NYC Office of Chief Medical Examiner	2012-2015
Health Research Intern at NYC Department of Health	2011-2012
Field Manager & Administrative Assistant at Working Families Party <i>New York State political action organization.</i>	2008-2011